

Remarks

In the present RCE, three claims (1, 14, and 19) are amended. Claims 1-21 are presented for examination.

Claims Rejection: 35 USC § 103(a)

Claims 1-12 and 14-21 are rejected under 35 USC § 103(a) as being unpatentable over USPN 5,835,477 (Binning) in view of US application number 2003/0218960 (Albrecht). Claim 13 is rejected under 35 USC § 103 as being unpatentable over Binning in view of Albrecht and USPN 5,412,597 (Miyazaki). Applicant respectfully traverses these rejections.

These rejections are moot in view of the amended claims. By way of example, claim 1 recites that each storage cell represents only a single data bit and plural perturbations are formed in a storage cell to represent only a single data bit. Binning and Albrecht show storage fields that include multiple perturbations for representing multiple bits. Nowhere do Binning and/or Albrecht teach or suggest a storage cell that represents only a single data bit and has plural perturbations to represent only a single data bit.

Further, the Examiner admits that “Binning fails to disclose wherein the plural perturbations are for representing only a single data bit” (see FOA at p. 2). Applicant agrees with this admission. The Examiner, however, attempts to cure this deficiency with paragraphs [0109] and [0143] in Albrecht. Applicant respectfully disagrees. These paragraphs in Albrecht discuss a pattern of perturbations. Where does Albrecht suggest that plural perturbations represent only a single data bit? It does not. Again, Albrecht merely states that perturbations can be repeated to form a pattern, not that plural perturbations represent only a single data bit.

CONCLUSION

In view of the above, Applicant believes that all pending claims are in condition for allowance. Allowance of these claims is respectfully requested.

Any inquiry regarding this Amendment and Response should be directed to Philip S. Lyren at Telephone No. 832-236-5529. In addition, all correspondence should continue to be directed to the following address:

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Respectfully submitted,

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